

Jonathan Stewart

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OBJECTIVE

Emerging **mechanical engineer** graduating in May 2024 with degrees in **Mechanical and Energy Engineering** and **Technical Theatre**. Specializing in **CAD modeling, simulation, system control analysis, and FEA** of electromechanical systems. This is shown by leading and optimizing the design for the animatronic dragon senior design project. Seeking opportunities to pursue full-time engineering positions within the themed entertainment industry.

WORK EXPERIENCE

- Academic Coach** | UNT Learning Center, Denton, TX 08/2022 - Present
- Conducting individualized coaching sessions with 4-6 students weekly, focusing on academic success skill development.
 - Recommending 2-3 pertinent campus resources during each 50-minute coaching session.
 - Presenting 2 times per year to a group of 6-10 colleagues over newly developed study tools.
- Student Employment Assistant** | UNT Career Center, Denton, TX 07/2022 – 09/2023
- Oversaw 2 office emails by providing relevant assistance to any questions or requests that would come through.
 - Collaborated on processing 10,000+ job offers, I-9s, and background checks across 279 departments.
- Disney College Program: EPCOT Park Greeter** | The Walt Disney Company, Orlando, FL 07/2021 – 06/2022
- Supported up to 1500 guests per day in park entry or departure while observing for prohibited items and guest safety.
 - Collaborated with various teams to solve guest issues in an efficient manner to ensure guest satisfaction.
 - Aided crowd flow in Mexico Pavilion during the Fower and Garden Festival.
- Conversion Lab Assistant** | UNT Office of Disability Access, Denton, TX 05/2020 – 05/2021
- Utilized Microsoft Office, Abby Fine Reader, and Adobe Acrobat to convert up to 100 textbooks per semester into accessible digital formats for print-disabled students.
 - Cataloged 50+ converted textbooks into a spreadsheet for student reference at the end of the Spring, 2021 Semester.
- Disney College Program: Magic Kingdom Parade Audience Control** | The Walt Disney Company, Orlando, FL 01/2020 – 03/2020
- Ensured guest safety during regularly scheduled parades, cavalcades, and fireworks within The Magic Kingdom.
 - Managed disability viewing sections during fireworks and other unique events, ensuring guest safety and satisfaction.
- Entertainment Playmaker** | Merlin Entertainment, Grapevine, TX 03/2017 – 01/2020
- Oversaw loading procedures for the 4D cinema, accommodating up to 1000 daily guests with a focus on safety and satisfaction.
 - Contributed to sanitation efforts in LEGO build areas, optimizing space for other guests' use.
 - Offered thorough assistance, addressing inquiries and providing guidance on attractions and surroundings.

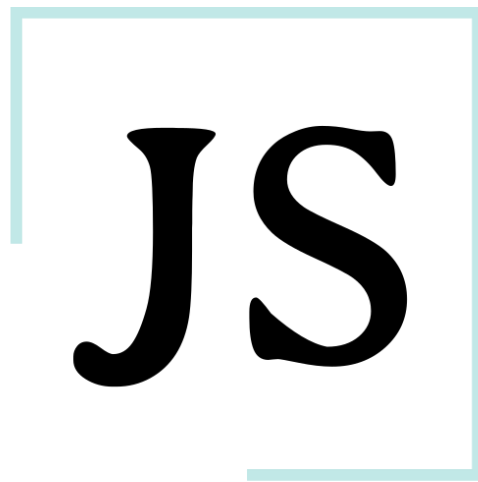
COMMUNITY INVOLVEMENT

- President** | American Society of Mechanical Engineers, Denton, TX 04/2023 - Present
- Steady Camera Operator** | Cross Timbers Church, Argyle, TX 01/2023 - Present
- Member** | Christian Campus Community, Denton, TX 08/2022 - Present
- Scenic Projection Operator** | *Singing in the Rain*, Theater Denton, Denton, TX 07/2023 – 07/2023

EDUCATION

University of North Texas, Denton, TX

- B.S. in Mechanical & Energy Engineering (ABET Accredited) **Graduation Date 05/2024**
Relevant Coursework: FEA, Thermal Management, Intro to Robotics and Automation, Energy Fundamentals
Software: SolidWorks, ANSYS, MATLAB, and Simulink
Certificates: Additive Manufacturing, Mechatronics and Electromechanical systems
Minor: Mathematics
- B.A. in Theater with Concentration in Tech/Design **Graduation Date 05/2024**
Relevant Coursework: Lighting Design, Scenic Design, Rigging, and pneumatics
Software: Vectorworks, Capture, Lightwright 6, Procreate, Adobe Illustrator, and Adobe Photoshop



JONATHAN STEWART
MECHANICAL ENGINEER